

# Anish De

SOFTWARE ENGINEER

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## Experience

### Microsoft

Software Engineer

Bangalore, India

July 2023 - Present

- Working in the **Microsoft Licensing Agreement** team which reduces the manual effort required to process a client contract and speeds up the process from **90 days to 18 days**.
- This enhancement effectively improves the operational efficiency by **500%**, marking a remarkable shift from the older, legacy code to the modern, streamlined codebase.

Hyderabad, India

June 2022 - Aug 2022

Software Engineer Intern

- Integrated **SCRIPT MEO (Microsoft Email Orchestrator) API** in DeviceCare using C# and .NET for sending emails to acknowledge Microsoft customers' orders and confirm their purchase.
- Removed the existing **third-party API** and integrated MEO API so the insights gets captured.
- Completed the implementation of the project, wrote unit tests for the whole code with a test coverage of around **80%**.
- Tested the code locally with Azure Service Bus messaging, pushed it to production and also tested the code on production.
- This helped the **Business team** to get more insights on the **emails sent by the API** and the insights captured went up by **52%**.
- Technology Stack - C#, .NET, Azure Service Bus, Git**

### Media.Net (Directi)

Software Engineer Intern

Mumbai, India

Jan 2023 - June, 2023

- Developed **Icon and Animation generation techniques** for ad titles to maximize engagement and click-through rates.
- Implemented **Python Scripts and Automation tools** to streamline ad performance analysis, reducing manual labor and intervention, ultimately improving overall team efficiency.
- Cultivated expertise in crafting scalable and extensible code adhering to **SOLID** principles.
- Gained comprehensive knowledge of online advertising and contextual ad mechanics.
- Technology Stack - Artificial Intelligence, Java, SOLID Principles, Unix, Git**

### LeetCode

Official Problem Setter

California, United States

Oct 2022 - April 2023

- As a problem setter for **Leetcode's Biweekly Contests**, I create and design **Algorithmic problems** focused on **Data Structures** and Algorithms which is attended by over **10K** participants.

## Education

### Indian Institute of Engineering Science and Technology, Shibpur

Bachelor in Technology - Computer Science and Technology

Kolkata, India

- Bachelor's Degree in Computer science with a **CGPA of 9.03** (on a scale of 10).

## Projects

### Twitter Sentiment Analysis

Indian Institute of Engineering Science and Technology, Shibpur

Kolkata, India

August 2022 - Present

- Prepared a manual **Dataset of size around 3.5k** with comments, posts and images from Twitter for training and testing purpose.
- Fine-tuned several pre-trained models like **XLM-Roberta, DeBERTa** for predicting whether the Twitter Posts, Images and Comments in the Dataset contain any hate speech, profane or targeted insult.
- Achieved an accuracy of **0.82 for profane, 0.85 for hate speech and 0.75 for targeted insult**
- Github Repository Link - [Twitter-data-analysis](#)

## Skills

### Programming Languages

Python, C/C++, Java

### Technical Skills

Data Structures and Algorithms, Software Design, Object Oriented Programming, Operating System, Database Management Systems, Computer Networking, Linux/Unix, Git, TCP/IP, Distributed System,

## Achievements

- 2022 **Guardian - Top 0.2 % Worldwide with a Max Rating of 2526**, LeetCode (Username - **anishde85**)
- 2022 **Candidate Master - Top 0.4 % in India with a Max Rating of 2044**, CodeForces (Username - **anishde85**)
- 2023 **AIR 3 in Google CodeJam**, Round A 2023 with Global Rank 25 (Username - **anishde85**)
- 2022 **USACO (USA Computing Olympiad)**, Gold Division (Username - **anish85**)
- 2022 **Indian Rank 2 and Global Rank 27 out of 21k participants**, LeetCode Biweekly Contest 80
- 2022 **Indian Rank 2 and Global Rank 53 out of 24k participants**, LeetCode Biweekly Contest 308